

Bottom Up! Social Knowledge Sharing in DLR.

A Case Study of Collaboration in the German Aerospace Center DLR.

Mr. Uwe Knodt
Knowledge Manager

Mr. Rüdiger Süss
Strategic Initiatives

DLR, Strategy and International Relations

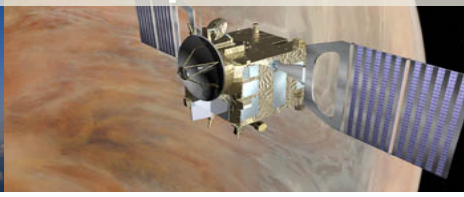
A large, curved image of the Earth from space occupies the bottom right portion of the slide. It shows a view of the planet's surface with blue oceans, green landmasses, and white clouds. The text "Knowledge for Tomorrow" is overlaid on this image in a white, sans-serif font.

Knowledge for Tomorrow

Aeronautics



Space



Energy

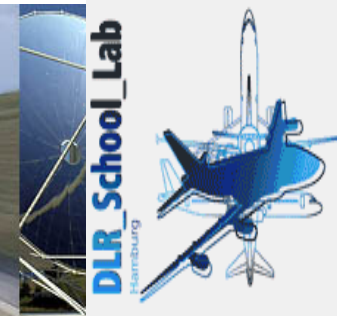
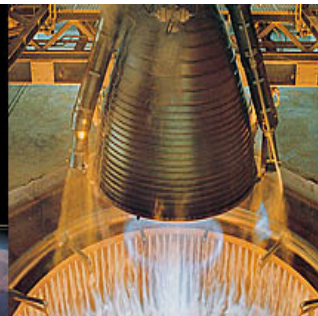


Transport



Research Center & German Space Agency

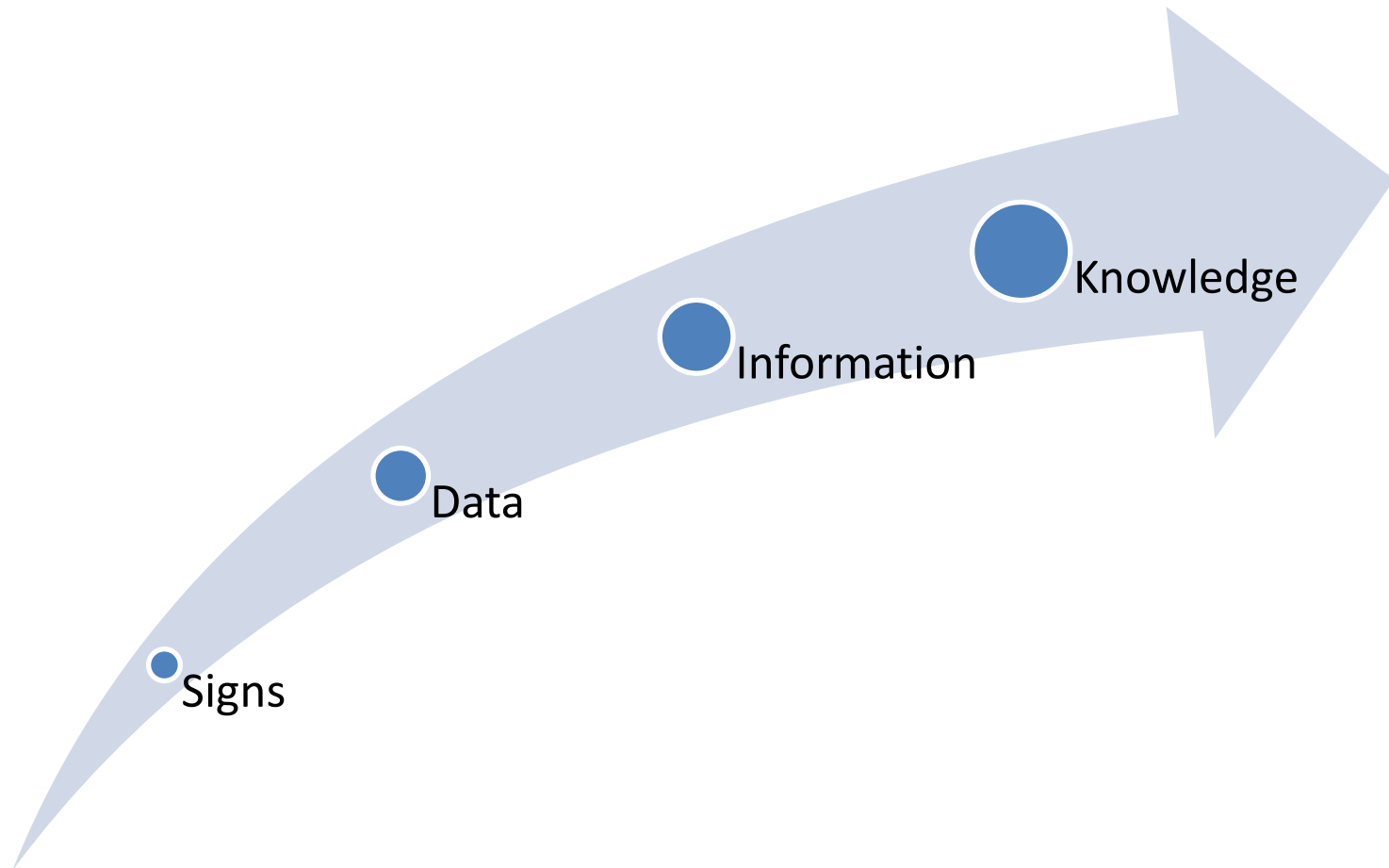
DLR



DLR's definition of Knowledge Management



Knowledge



Strategy

Experience

Ideas

Expectations

Bottom-up-Process

Leadership
level

Expert
level

Work
level

User
level

Top-down-Process

Decisions

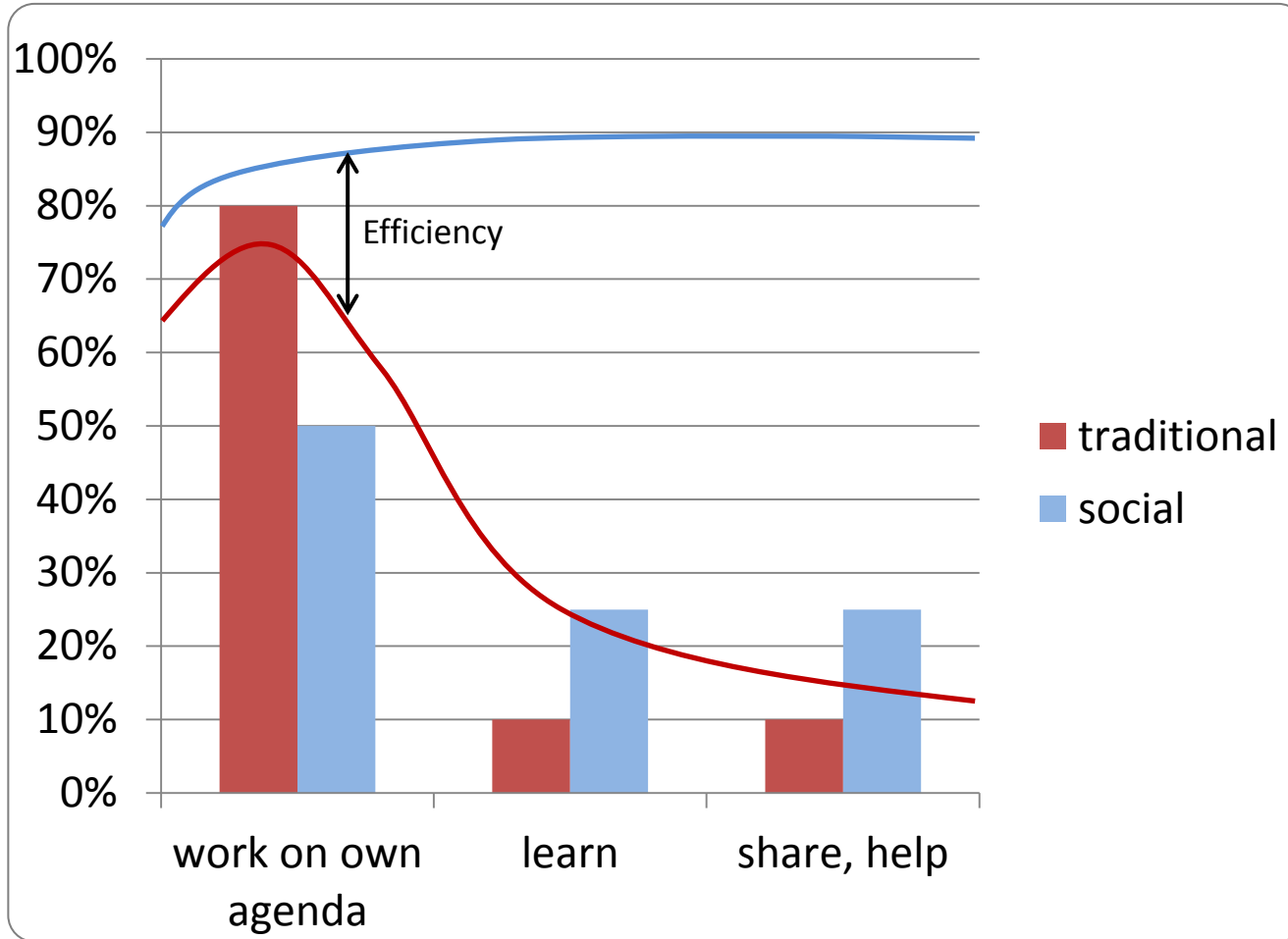
Knowledge

Creativity

Use



Traditional and social knowledge work



goals

efficient knowledge creation

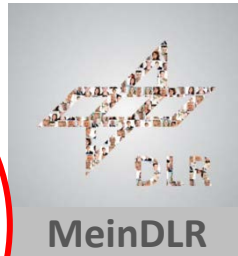
personal knowledge exchange

transparency

actions



Knowledge- sharing meetings



People's directory



introducing process for new employees



Knowledge transfer for leaving employees



Optimized search function



DLR.Wiki



Project-database

*Establishing an Integrated KM System



Pages

EinDLR Startseite

Created by Pliewischkies, Andre, last modified by Eppert, Angelika on 12. August 2014

Welcome in the EinDLR-Wiki

This open wiki exists to exchange knowledge for scientific topics. **Authorized to access are only employees of the DLR** (all internal AD-accounts). In order to understand the DLR better, you can collect wordings, definitions, abbreviations, display pages, contact persons and many more. Here we want to create the knowledge pool for DLR-employees with scientific focus. What has to be localized in the intranet portal will be moved prior consultation.

Help us! Wikis are living because of contributions. You can decide yourself what is important and what one can find – and this you develop further together with all other wiki users.

Topics

You can find contributions to the following topics. If you miss something, feel free to add it yourself. The font-size is related to the amount of contributions for a topic.

abkürzung active_directory adobe ausschreibung azul baumanagement besucher betriebsrat bilingual
blog brasilien china configuration connect datenaustausch dfn dienstreise disruptiv drittmittel eduroam einführung
einkauf eiwis empfehlenswert empfehlung fex flug formatierung frage_ans_dlr förderung **glossar** hotel
installation intranet iphone it japan kanada kommunikation kompetenznetzwerk konzept kp lync
länderinformation medienkompetenz mess-prüfmittel mexico nahverkehr navigationsseite netzwerk
objektmanagement open_access open_data open_science outlook passwort projekte projektmanagement
qualitätsmanagement recht reisen rolle russland sap saudi_arabien service sfr shared_desktop sht sicherheit
social_networking software software-engineering stabsabteilung_ti standard standort statistik strategie
systemhaus_technik südafrika südkorea technische_infrastruktur telefon termine uhd umfragen usa
veröffentlichung videokonferenz visualisierung waw webconf weiterleitung wi-fi wiki wissensbuch
wissenslandkarte wissensmanagement wlan

Recently Updated



Pliewischkies, Andre

Internationale Wissenschaftsjahre updated 19. September 2014 • [view change](#)



Weihrauch, Ute

Internationale Wissenschaftsjahre created 19. September 2014



Röhrig, Julia

Südafrika updated 18. September 2014 • [view change](#)

Saudi Arabien updated 18. September 2014 • [view change](#)



Pliewischkies, Andre

Japan updated 16. September 2014 • [view change](#)



Atanassov, Uta

DMZ created 11. September 2014



Gege, Peter

Wikiquette updated 10. September 2014 • [view change](#)



Schwarz, Rene

Länderinformationen commented 05. September 2014



Berg, Hermann

Länderinformationen commented 05. September 2014



Pliewischkies, Andre

Länderinformationen commented 04. September 2014



Berg, Hermann

Länderinformationen commented 04. September 2014



Georgi, Petra

Projektmanagement created 04. September 2014



Eppert, Angelika

Wissensbuch updated 03. September 2014 • [view change](#)



Wiki Concept



Welcome!

In the DLR.Wiki members of the DLR share their knowledge in open spaces (for all members) and in closed spaces (teams only). Create, share and discuss content with colleagues on a working-level.

























New?

- Consider the [rules](#)
- enjoy a short [intro for usage](#)
- request a [closed space](#)
- browse open spaces: see below

Spaces Pages Network

Site Spaces

[Create Space](#)

 Abteilung RD-PS	
 Abteilung Satellitenkommunikation	
 Abteilung ST-STV	
 Abteilung Unbemannte Luftfahrzeuge	
 Administration	
 Anwendungen ziviler unbemannter Luftfahrzeuge	
 Arbeitskreis LS	
 ATON	
 AT-OTM	
 Audio Distribution Alternative Methodologies (ADAM)	
 Austausch SC-SfR: LDS	
 Bahntechnik	





Popular All Updates Favourite Spaces Network

Space Categories

Select:




Pliewischkies, Andre

-  [Bilder einbinden](#)
Erfahrungswerte ergänzt, Erläuterungen detailliert
Updated about 2 hours ago ([view change](#))
-  [image2014-9-30 15:28:43.png](#)
Attached about 3 hours ago
-  [Bild einfügen.png](#)
Attached about 3 hours ago
-  [image2014-9-30 15:12:7.png](#)
Attached about 3 hours ago




Delarue, Stephane

-  [Wiki-Plugins](#)
Task marked complete
Updated about 9 hours ago ([view change](#))




Pliewischkies, Andre

-  [Re: Visio-Diagramme in Wiki-Seiten](#)
Diese Anforderung kann derzeit nicht erfüllt werden.
Dennoch wurde sie schon früher gestellt und bereits aufgenommen. Ge...
Commented yesterday at 04:05 PM




Delarue, Stephane

-  [Visio-Diagramme in Wiki-Seiten](#)
Created 26. September 2014



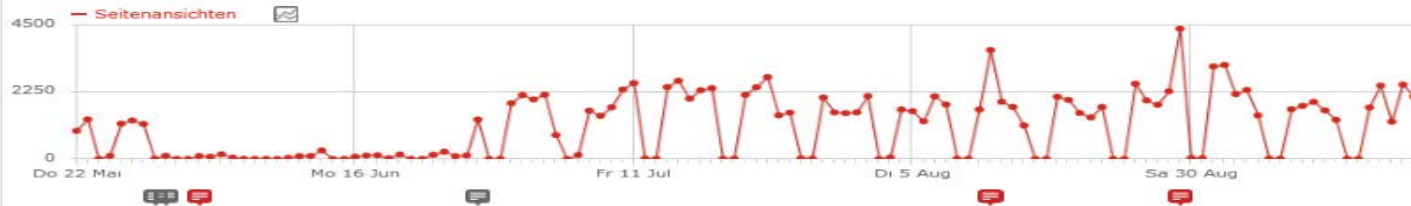
Lang, Thomas

-  [Re: OSX am DLR?](#)
Thema Administration: OS X Server (heutzutage nur noch eine App mit allen Diensten) bringt den Profile

Wiki statistics

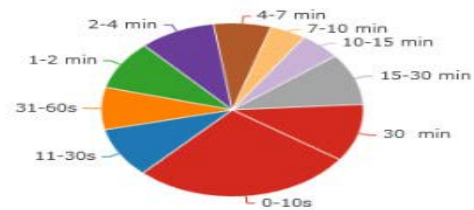
ZEITSPANNE: VON 2014-05-22 BIS 2014-09-19

Graph der letzten Besuche



Besuchslänge

— Besuche



Besuche nach Server-Zeit



Knowledge sharing meetings

- Concept -

- Non-conference
- Long-term knowledge exchange
- Focus on a Scientific topic, e.g. Visualization, Drones
- Wiki-collaboration between meetings
- Special support

Purpose:

- Exchange of Experience and Ideas
- (micro-)Learning
- Acquaintance
- Networking
- Trust
- Initiation of Cooperations and projects



Impressions



Way Ahead



One DLR



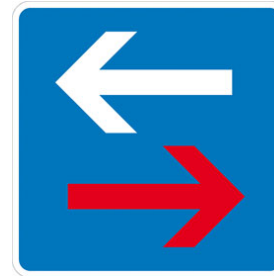
Close the gaps



Think crosswise



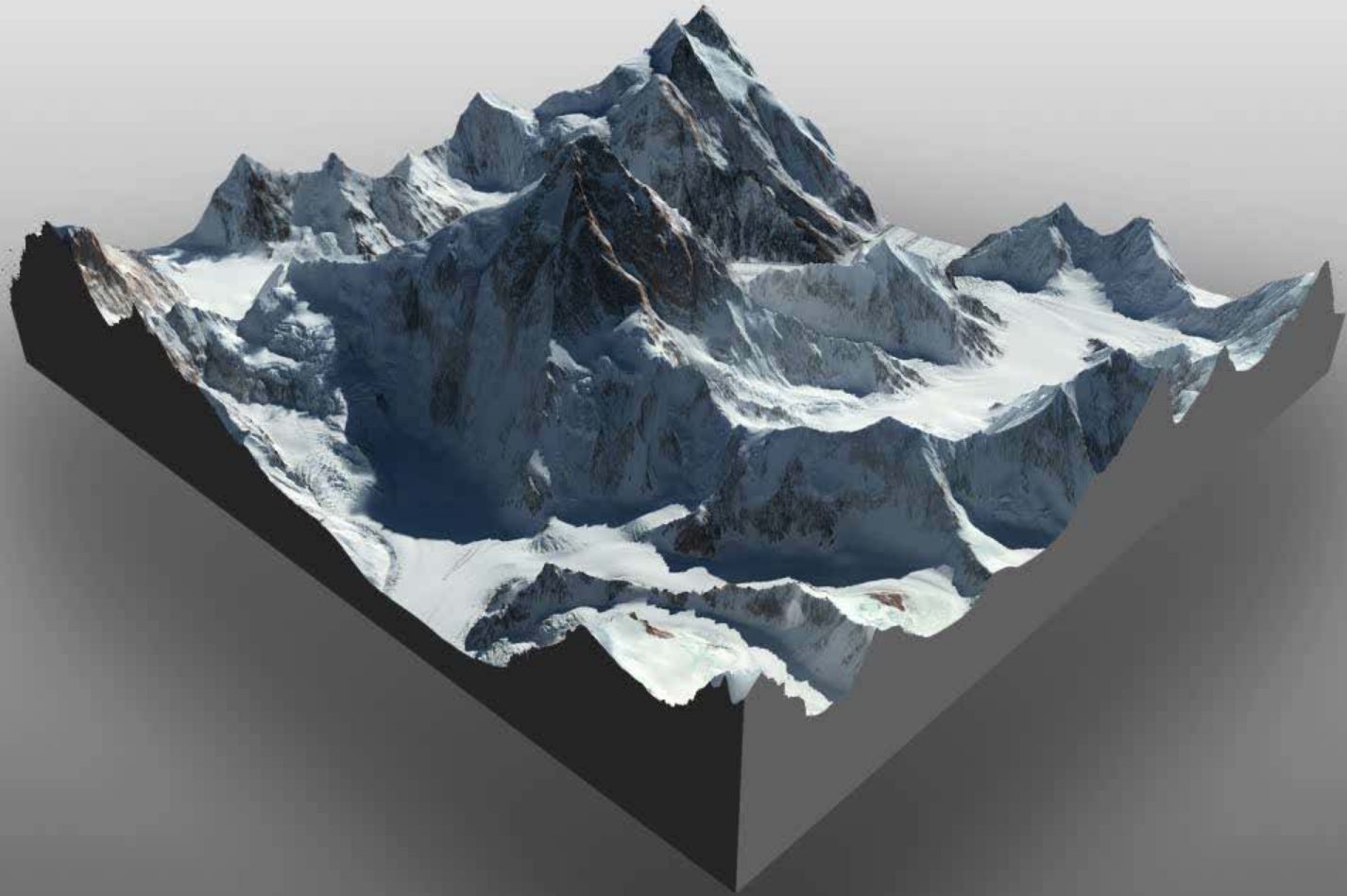
Be disruptive



Participation



K2 – satellite data derived into compressed information



Made by DLR





strategic objectives

management

instruments

communication



Gesamtausrichtung
Vision

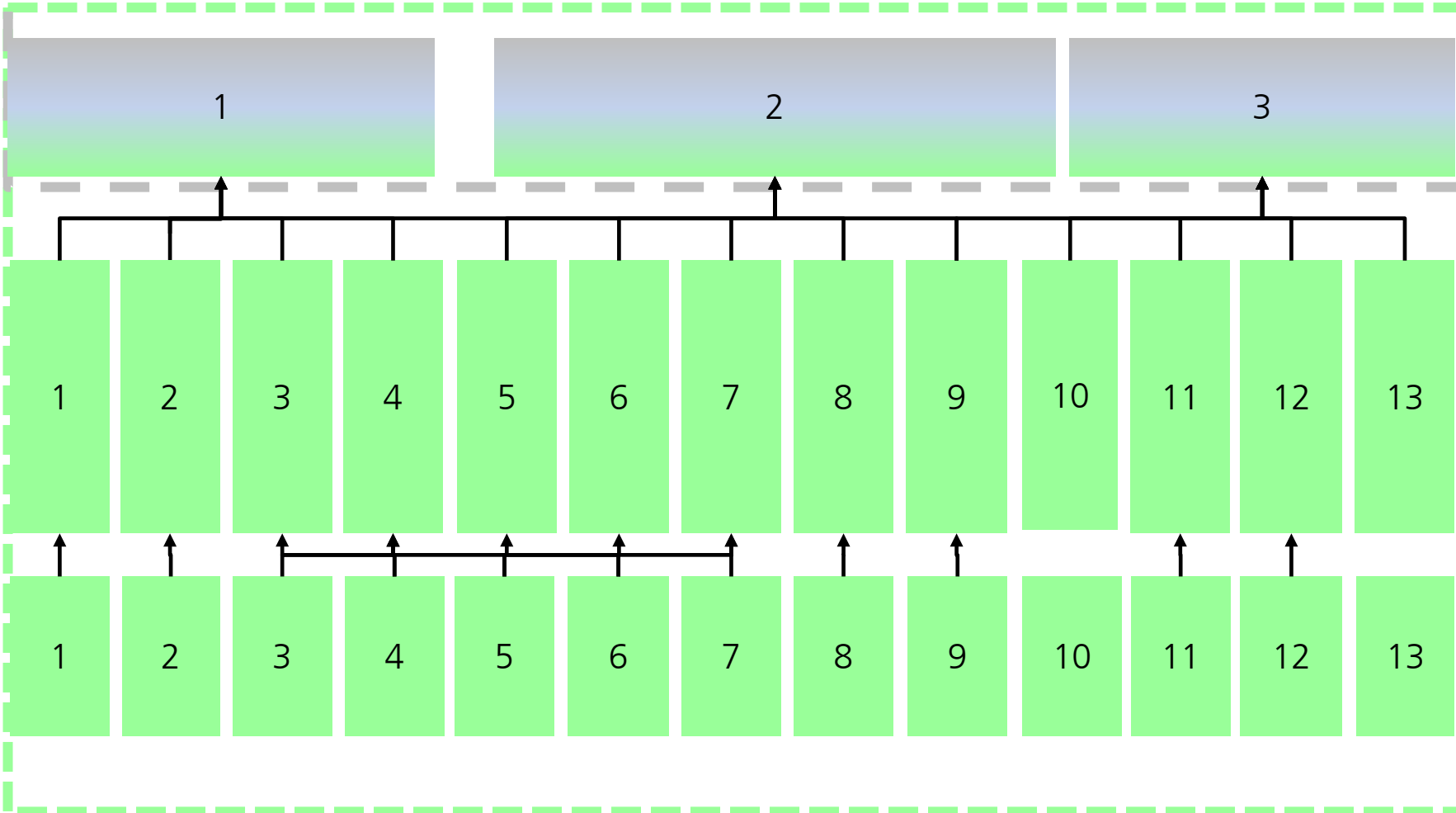
>10 J.
Long term

>5 J.
Mid-term

Projects-/
milestones

Wir sind ein weltweit anerkanntes, bekanntes und führendes Zentrum:

Gestalter / Architekt / Treiber / Initiator / Innovationstreiber / Experimentator / Realisierer / gesuchter, zentraler Partner / Impulsgeber / Berater / Moderator / Attraktiver Arbeitgeber / Bildungseinrichtung / Ausbildungsbetrieb / wissenschaftlich, technisch unabhängig / effizient / effektiv



Combining knowledge streams

Strategic objectives

**managing
the portfolio**

**Processes &
Regulations**

Components



manage your stakeholders – all of them!

use understandable language
not: *portfolio management* -- but: *right projects*

give everyone an overview of the system

visualise the contribution and link the output of each activity
to at least one strategic objective



set up a portfolio management function / portfolio owner

use existing know-how ex. g. *PMO*

introduce strategic controlling



manage a variety of different areas of working formats,
projects, initiatives, projects, programs, ...

use appropriate management approach for each
working format, *ex. g. for projects: agile or waterfall*



move from lessons *learned* to lessons *applied*



Questions



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Uwe.Knodt@dlr.de

Rüdiger Süß
Ruediger.Suess@dlr.de



Knowledge for Tomorrow

